

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-36. (Canceled).

37. (New) An energy recovery system configured to recuperate waste energy from a heat source, the system comprising:

at least one heat converter for transferring the waste heat energy to a first fluid;

at least one expander for converting the transferred energy of the first fluid into useable energy; and

imploding chamber hydraulically coupled to the expander, such that the energy of the first fluid is further extracted to enhance the efficiency of the system.